ARG56206
anti-Adipophilin antibody [ADPN1-1]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [ADPN1-1] recognizes Adipophilin
Tested Reactivity	Hu
Tested Application	FACS, WB
Host	Mouse
Clonality	Monoclonal
Clone	ADPN1-1
Isotype	IgG2b, kappa
Target Name	Adipophilin
Species	Human
Immunogen	A human partial recombinant Adipophilin.
Conjugation	Un-conjugated
Alternate Names	ADRP; Adipophilin; Adipose differentiation-related protein; ADFP; Perilipin-2

Application Instructions

Application table

Application	Dilution
FACS	0.5 - 1 µg/10^6 cells
WB	1 - 2 µg/ml

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

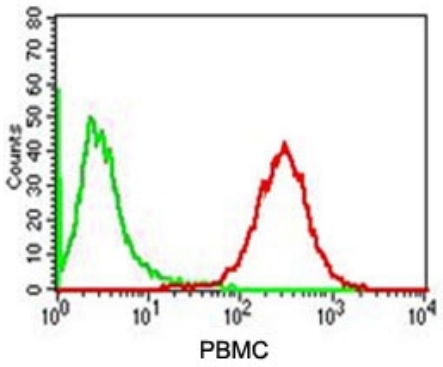
Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 0.1 mg/ml BSA.
Preservative	0.05% Sodium azide
Stabilizer	0.1 mg/ml BSA
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

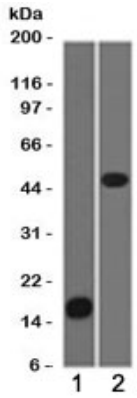
Database links	GeneID: 123 Human
	Swiss-port # Q99541 Human
Gene Symbol	PLIN2
Gene Full Name	perilipin 2
Background	The protein encoded by this gene belongs to the perilipin family, members of which coat intracellular lipid storage droplets. This protein is associated with the lipid globule surface membrane material, and maybe involved in development and maintenance of adipose tissue. However, it is not restricted to adipocytes as previously thought, but is found in a wide range of cultured cell lines, including fibroblasts, endothelial and epithelial cells, and tissues, such as lactating mammary gland, adrenal cortex, Sertoli and Leydig cells, and hepatocytes in alcoholic liver cirrhosis, suggesting that it may serve as a marker of lipid accumulation in diverse cell types and diseases. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2011]
Function	May be involved in development and maintenance of adipose tissue. [UniProt]
Highlight	

Images



ARG56206 anti-Adipophilin antibody [ADPN1-1] FACS image

Flow Cytometry: Human PBMC stained with ARG56206 anti-Adipophilin antibody [ADPN1-1] (red) and isotype control (green).



ARG56206 anti-Adipophilin antibody [ADPN1-1] WB image

Western blot: 1) Partial recombinant protein and 2) Jurkat cell lysate stained with ARG56206 anti-Adipophilin antibody [ADPN1-1].